

## North Creek Portal Facts at a Glance

The North Creek Portal is located at a point on the conveyance corridor where separate influent and effluent pipelines will be combined into one large tunnel. A permanent influent pump station (IPS) on the North Creek Portal site will convey untreated wastewater through the influent pipeline to the Brightwater plant. An effluent pipeline in the same tunnel will carry thoroughly treated, disinfected wastewater from Brightwater to the portal on its way to the outfall in Puget Sound.

**Portal location:** North Creek Parkway and NE 195<sup>th</sup> Street at the State Farm Insurance property in Bothell

**Property size:** 3.7 acres

**Estimated construction duration:** 3 years

**Existing land uses:** Commercial office park with office buildings

**Construction purpose:** Tunnel boring machine launch, spoils receiving; local connection to Woodinville-Bothell Interceptor and North Creek Sewer Interceptor

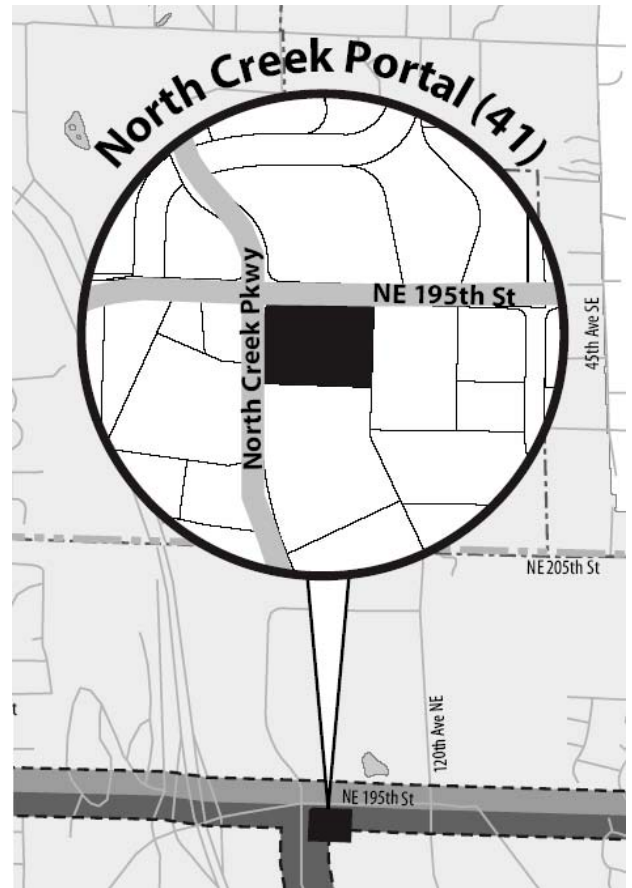
**Portal shaft depth:** 90 feet

**Portal shaft diameter:** 50 feet

**Portal earthwork volumes:** 9,000 cubic yards

**Proposed post-construction permanent structures and functions:** A below ground drop structure will connect existing pipelines to new facilities. Above ground there will be odor control and electrical facilities about 2,400 square feet and 20 feet tall. Brightwater facilities will have no detectable odors.

There will also be an influent pump station to pump wastewater to the Brightwater plant for treatment. Decisions on aesthetic design have not yet been made, but above ground facilities will be attractively designed and landscaped to fit in with existing land uses.



## Tunneling Activities

### Combined tunnel between the North Creek Portal and the Brightwater Treatment Plant

- ❖ Combined influent/effluent tunnel reach and diameter: 2.4 miles; 24 feet
- ❖ Tunnel earthwork volumes: 277,000 cubic yards

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## North Creek Portal

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### Active construction at the North Creek Portal

Construction is expected to begin in 2006 and go through 2009 and will include:

- ❖ Tunneling from the North Creek Portal to the Brightwater Plant
- ❖ Tunneling from the North Creek Portal to the North Kenmore Portal
- ❖ Construction of the influent pump station and permanent facilities

The information for this fact sheet is from the Brightwater Final Environmental Impact Statement, which is available on the project Web site at <http://dnr.metrokc.gov/WTD/brightwater/env/feis.htm> or by contacting the Brightwater project team (see below).

**For more information or to be added to our mailing list, please contact the Brightwater project team:**

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**This information is available in alternative formats upon request by calling 206-684-1280 or Relay Service 711**